



# भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित  
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No. 38] NEW DELHI, SATURDAY, SEPTEMBER 20, 1969 (BHADRA 29, 1891)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

Calcutta, the 20th September, 1969

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

The 30th August 1969

- 122962. B. M. Beards. Modern dobby drive attachment.
- 122963. Tarun Kumar Mukerjee. Dry cosmetic composition for cocoanut hair oil.
- 122964. Nauchno-Issledovatel'skiy Institut Po Probleman Kurskoi Magnitnoi Anomalii Im. L. D. Shevyakova. A method of concentration of pulverized weakly magnetic materials and a magnetic filter and separator for its embodiment.
- 122965. Bengal Ingot Company Limited. A device for maintaining wires particularly traction wires under proper tension.
- 122966. Nikhil Bandhu Chakraborty. Improvements in or relating to strainers.
- 122967. Nikhil Bandhu Chakraborty. A strainer.
- 122968. Ciba Limited. Tetracyclic amines, process for their manufacture and compositions containing them.
- 122969. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Apparatus for the production of continuous lengths of foamed polystyrene.
- 122970. Boehringer Mannheim GMBH. Process for the preparation, preservation and transportation of blood and serum samples. (11th July 1969).
- 122971. Falguni Basu. Fixtures for connecting main reinforcement in notched end reinforced and pre-stressed concrete girders.
- 122972. Chas. Pfizer & Co., Inc. Process for the preparation of esters of  $\alpha$ -carboxy arylmethylphenicillins.

- 122973. Interpace Corporation. Means and method for constructing high temperature equipment.
- 122974. M & T Chemicals Inc. Urethane foam catalyst.
- 122975. FMC Corporation. Preparation of peracetic acid by oxidation of acetaldehyde.
- 122976. V. P. Rabde. Domestic gas consumption indicator.
- 122977. Controls and Switchgear Company. Improvements in or relating to traffic signals or the like.
- 122978. Controls and Switchgear Company. Improvements in or relating to traffic signals or the like.

The 1st September 1969

- 122979. Phillips Petroleum Company. Control of carbon black quality.
- 122980. General Electric Company. Individual current limiting fuse for the rolls of a multiple roll capacitor.
- 122981. Mahle Komm-Ges. Light metal piston.
- 122982. Columbia Broadcasting System Inc. Color film recording and reproducing apparatus. [Divisional date 20th February 1968].
- 122983. B. A. Bochkarev and V. A. Bochkareva. Metallized resistor.
- 122984. Uralsky Zavod Tyazhelogo Mashinostroenia Imeni S. Ordzhonikidze. Machine to pack a pile of rolled plates of sheets into a box.
- 122985. Columbia Gas System Service Corporation. Improvements in fluid flow control valves. [Divisional date 17th February 1968].
- 122986. J. R. Geigy A. G. [O-(6-chloro-O-toluidino)-phenyl]-acetic acid methyl ester. [Addition to No. 109980].
- 122987. Hindustan Lever Limited. Process and reactor. (3rd September 1968).
- 122988. A. Bratland. Improvements in or relating to food-stuffs.

122989. Carding Specialists (Canada) Limited. Improvements in or relating to the processing of slivers in textile machines. (3rd September 1968).
122990. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Improved process for growing algae and apparatus therefor.
122991. Glanzstoff A. G. Process for the production of polyurethanes. (10th July 1969).
122992. Ciba Limited. New  $\alpha$ -phenyl-fatty acid compounds.
122993. The Decca Record Company Limited. Improvements in record sleeves. (11th September 1968).
122994. Haverø Industries Limited. Improvements made in or relating to the manufacture of dry cells for use in electronic and electrical equipments such as hearing aid machines, testing meters, pen torches and the like.
122995. Council of Scientific and Industrial Research. Process for the utilisation of waste chrome tanned leather shavings and trimmings for the manufacture of leather boards to be used as insole, stiffener etc. in the footwear industry.
122996. Council of Scientific and Industrial Research. Self excited linear variable transformer as displacement sensing device and its instrumentation.
122997. Council of Scientific and Industrial Research. An apparatus for recording wind direction.

*The 2nd September 1969*

122998. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing pure 4-bromo-3-hydroxy-quinophthalone.
122999. Serpo, persoenvennootschap met beperkte aansprakelijkheid. Method and devices for applying a coat of foam on any desired surface.
123000. Merck & Co., Inc. Multivalent live vaccine.
123001. Rederiaktiebolaget Nordstjernen. Improvements in a method for separation of tungsten chloride from a mixture of metal chloride.
123002. Mitsui Toatsu Chemicals, Incorporated. Method of driving out the unreacted substance remaining in a urea synthesis effluent.
123003. Hercules Incorporated. Promoting adhesion.
123004. Shell Internationale Research Maatschappij N. V. Herbicidal anilinoalkanolhydroxamic acid derivatives. (4th September 1968). [Addition to No. 110999].
123005. Baird Chemical Industries Inc. Asanitizing or disinfecting composition or laundry composition. [Divisional date 22nd February 1968].
123006. Baird Chemical Industries, Inc. Process for the preparation of didecyl methyl benzyl ammonium chloride. [Divisional date 22nd February 1968].
123007. Baird Chemical Industries, Inc. Sanitizing, disinfecting and laundry compositions. [Divisional date 22nd February 1968].
123008. Vitafoam Limited. Improvements in upholstery supports. (1st January 1969).
123009. Alcan Research and Development Limited. Process for colouring anodised aluminium by electrolytic deposition.
123010. May & Baker Limited. Process for the preparation of new quaternary ammonium derivatives useful as anthelmintics. (18th January 1967). [Divisional date 17th January 1968].
123011. May & Baker Limited. Compositions for the treatment of helminth infections comprising quaternary ammonium derivatives. [Divisional date 17th January 1968].
123012. Shri Dayal Canopy-cum-wind-shield unit for scooters and motor cycles.

*The 3rd September 1969*

123013. K. K. Xavier. An improved light arrangement for parallelogram bar type drafting machines.

123014. K. K. Xavier. An improved board tilting mechanism for drawing boards or like boards for any purpose.
123015. The Dunlop Company Limited. Pressure release mechanism. (4th September 1968).
123016. The Dunlop Company Limited. Improvements in or relating to pneumatic tyres. (5th September 1968).
123017. Centre De Recherches De Pont-A-Mousson. Method and machine for centrifugally casting tubular metal bodies.
123018. Toyo Rayon Company Limited. Spinning rotor for open-end spinning.
123019. Joseph Lucas (Industries) Limited. Yoke assemblies for dynamo electric machines. (13th September 1968).
123020. Imperial Chemical Industries Limited. Laminated fabric. (17th September 1968).
123021. Institut Gornogo Dela imeni A. A. Skochinskogo. Hydraulic coupling.
123022. Ciba Limited. New monoazo dyestuffs, their manufacture and use.
123023. Sandoz Ltd. Improvements in or relating to organic compounds. (5th September 1968).
123024. Ciba Limited. 3-amino-rifamycin and 25-O-desacetyl-rifamycin derivatives.

*The 4th September 1969*

123025. N. R. Trivedi. Improvement in or relating to the manufacture of aldop or stopper.
123026. Deba Brata Roy. Hone expansion control mechanism.
123027. RCA Corporation. Operational amplifier. (27th September 1968).
123028. Westinghouse Electric Corporation. X-Ray apparatus.
123029. Fiat Societa Per Azioni. Injection pump for internal combustion engines.
123030. Mitsui Toatsu Chemicals, Incorporated. Urea synthesis process.
123031. Sandoz Ltd. Improvements in or relating to organic compounds. (6th September 1968).
123032. The Natural Rubber Producers' Research Association. Treatment of rubber latex. (12th September 1968).
123033. Caterpillar Tractor Co. Method and apparatus for improving stability of an elevator scraper during unloading.
123034. Uniroyal, Inc. Printed and space dyeable article.
123035. Eltra Corporation. Improved ignition cable.
123036. Sailen Kumar Sen. A timer device for switching on and switching off of electrical programmes.
123037. Inventa A.G. Fur Forschung Und Patentverwertung. Method of regulating the polymerisation rate in the anionic polymerisation of lactams.

*The 5th September 1969*

123038. Compagnie De Saint-Gobain. Process and apparatus for the production of fibres from thermoplastic materials such as glass fibres.
123039. The Cotton, Silk and Man-Made Fibres Research Association. Biochemical process. (6th September, 1968).
123040. J. R. Geigy A. G. Process for the production of new benzofuran derivatives.
123041. J. R. Geigy A. G. Process for the production of new benzofuran derivatives.
123042. Arbeitsstelle fur Molekularelektronik. Method and circuit arrangement for the production of photo-masks comprising repetitive patterns of any desired size arranged within a mask filed which is definitely displaced with respect to a fixed reference point.

123043. Sardesai Brothers Ltd. Improvements in or relating to the processing to textiles for imparting crease recovery property with improved tensile and tear resistance and wear life.

123044. Ciba Limited. New  $\alpha$ -phenyl-fatty acid compounds. [Divisional date 7th November 1968].

123045. Ciba Limited. New  $\alpha$ -phenyl-fatty acid compounds. [Divisional date 26th November 1968].

123046. Ciba Limited. New  $\alpha$ -phenyl-fatty acid compounds. [Divisional date 31st May 1969].

123047. J. N. Vazifdar. Gas economiser for low pressure gas stoves.

123048. R. T. Ranade. A low cost radio with novel r.f. amplifier.

123049. A. D. Deshpande. An automatic, static, stepless A.C. voltage stabiliser.

123050. S. Nath. Thermostat.

123051. K. L. Ahuja. "Improved hand knitting machine" named "Ahuja Knitter".

#### Alteration of Dates

121379. Ante-dated to 22nd December 1967 under section 5 of the Act.

122868. Ante-dated to 28th December 1967 under section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents' Office in the prescribed form No. 6 of the Indian Patents and Designs Rules 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

94618. Massey-Ferguson Inc. Improved means for hitching implements to tractors or other vehicles. Accepted on 5th September 1969.

*A self-propelled vehicle, a wheel implement and a drawbar pivotally connected on first and second axes respectively to said vehicle and said implement, two load transfer means and control means operable to maintain loads transferred by said load transfer means substantially constant.*

111140. Hindustan Lever Limited. Dairy Products. (24th June 1966). Accepted on 30th August 1969.

*Comprising curdling milk in the presence of a nontoxic calcium salt at 70°-150°C and adding vegetable fat,*

113325. Norton Company. Method of grinding and grinding wheel mounting structure. Accepted on 27th August 1969.

*Wherein the grinding wheel rotates about an axis slightly spaced from the center of the wheel and the angular position of eccentricity is periodically changed during grinding.*

113326. Norton Company. Method and machine for grinding. Accepted on 27th August 1969.

*Having a rotatable grinding wheel and means for varying at a regular frequency the contact of the wheel with a workpiece.*

113351. J. M. J. Industries, Inc. Striking plate for disintegrating mill. Accepted on 28th August 1969.

*An elongated plate having a leading impact face with inner and outer edges and integral flanges at each end of the plate extending forwardly of the leading impact face.*

113366. John Heathcoat and Company Limited. Method of and apparatus for crimping yarn. (29th November 1966). Accepted on 27th August 1969.

*Comprises the steps of taking yarn at the crimping temperature and passing the yarn into a crimping mechanism which is cooler than the yarn.*

113396. Shell Internationale Research Maatschappij N. V. Method and apparatus for forming hollow articles by cold-working, and articles thus formed. Accepted on 1st September 1969.

*The frictional character of the material engaging surface of said forming plunger with the material being formed is such that the central portion of the blank is carried through by the plunger and its material is fed out in tension from beneath the advancing plunger while free from compressive flow to form side wall of the article.*

113398. American Flange & Manufacturing Co., Inc. Capping conversion apparatus. Accepted on 1st September 1969.

*Comprising an axially movable work, a closure cap, upper shaft engaging means, threaded bushing and an annular collar.*

113402. K. Rajagopalan. Novel substituted striazines, process for preparing same and herbicidal compositions containing said compounds. Accepted on 1st September 1969.

*Reacting cyanuric chloride with a aminonitrile in the presence of acid bonding medium and subsequently reacting the product obtained with ammonia.*

113415. Uniroyal, Inc. Dye receptive hydrocarbon polymer composition and a method of dyeing polyolefin fibres produced from said composition. Accepted on 2nd September 1969.

*Comprises a poly-1-alkene in major proportion and (A) a thermoplastic nitrogen containing dye acceptance basic polymer and (B) an ethylene oxide polymer or derivative or copolymer thereof.*

113417. Council of Scientific and Industrial Research. An equipment for the size classification of crushed coal for selective preparation of coals for coking. Accepted on 4th September 1969.

*A low head blower for introducing a steady current of air through a closed-circuit duct, wherein are provided receptacles with continuously discharging feeders and a vibrating feeder for introducing raw feed.*

113980. Centropa Handelsgesellschaft M. B. H. Spark plug. Accepted on 30th August 1969.

*Comprising central electrode, ground electrode metallic housing insulating body unobstructed and surfaces.*

113998. V. D. Roosa. Internal combustion fuel injection nozzle. Accepted on 2nd September 1969.

*Comprises a nozzle body, a pressure injected valve, and means biasing the needle valve, and a restriction provided in the bore.*

113999. V. D. Roosa. Fuel injection nozzle and adjustable biasing means therefor. Accepted on 2nd September 1969.

*The adjusting and locking means comprises a pair of stops, the first co-operates with needle valve and second engages the spring.*

114004. United States Steel Corporation. Marking composition and method for marking hot metal. Accepted on 2nd September 1969.

- Comprising from 16—52 parts of a metal oxide suspended in a solution containing from 40—70 parts of sodium silicate solids in 60—263 parts of water and 8—35 parts of kaolin.*
114104. Societe Anonyme Heurtey. Sand-circulation oven for the continuous heat treatment of ball-shaped products. Accepted on 2nd September 1969.
- Products are carried through ovens while a material consisting of fine particles is circulated through said products.*
114241. General Electric Company. Safety interlock for master controller. Accepted on 2nd September 1969.
- Which includes a pivotally mounted locking pawl co-operating at one end with a removable operating handle of one cam shaft and at the other end with a notched disc.*
114565. Imperial Chemical Industries Limited. A process for preparing herbicidal complexes of bipyridylum salts and compositions containing the same. (24th February 1967). Accepted on 5th September 1969.
- Process for preparing a solid complex of a herbicidal bipyridylum salt with urea or thiourea comprising mixing urea or thiourea with a solution of a herbicidal bipyridylum salt in which the concentration of bipyridylum salt is at least 10% w/v.*
114677. CKD Praha, Oborovy Podnik. Heat exchange apparatus. Accepted on 22nd August 1969.
- Having a vertical shaft with a distributing member and a collector arranged in its interior, a hopper adapted to feed the material into the shaft a discharge end for the discharge of the cooled materials.*
114731. C. Aug. Schmidt Sohne GmbH, Maschinenfabrik und Apparatebau. An apparatus for degasification of boiler feed water. Accepted on 26th August 1969.
- Characterizes in a tray disposed adjacent and below the outlet of a condensate feed pipe and consisting of a plurality of sections spatially arranged with regard to the outlet of said pipe.*
114735. Sandoz Ltd. Triphenylmethane dyes, their production and filaments, fibres and textiles dyed or printed therewith. Accepted on 26th August 1969.
- Condensing one mole of benzaldehyde or halogen substituted benzaldehyde with 2 moles N. N-di-(21-cyanomethyl)-amino benzene or its 3-alkyl substituted derivative and oxidising the leuco base so obtained.*
114774. D. C. Mistry. Improvements in or relating to domestic grinding mill. Accepted on 29th August 1969.
- Comprising a two stage step down pair of V-pulley counter assembly box floating axle feeder assembly U-shaped slot bracket member plate.*
114795. Pirelli Societa Per Azioni. Apparatus for sheathing electric cables. Accepted on 1st September 1969.
- Comprising extrusion means including a die member having a bore for the cable, the bore being lined by a metal tube insulated from the bore by heat insulating material.*
114853. The British Oxygen Company Limited. Improved valve unit. (14th March 1967). Accepted on 4th September 1969.
- Comprising a hollow chamber having a valve seat adjacent to an open end and a valve port in the chamber wall, a valve member having a shank which passes into the other end of the chamber through a fluid tight seal and a valve head mounted on the shank inside the chamber.*
114867. Council of Scientific and Industrial Research. Improvements in or relating to electrodeposition of iron-chromium-nickel alloy deposits. Accepted on 5th September 1969.
- Characterised in that the nickel salt-consists of nickel formula.*
114869. R. R. M. Dongre. Machine for processing tea leaf. Accepted on 2nd September 1969.
- Comprises a stationary drum, a rotatable drum, an axial drive shaft, and a helical feed screw.*
114926. Inventa A. G. für Forschung und Patentverwertung. Process for the utilization of polyester fiber and granulate scrap. Accepted on 30th August 1969.
- Comprises introducing polyester scrap without pre-treatment into the polymerization process.*
115250. Struthers Scientific and International Corporation. Process for the production of a high analysis fertilizer material. (18th April 1967). Accepted on 2nd September 1969.
- Comprising (a) forming a liquid slurry of fertilizer material, (b) spraying the liquid slurry onto a fluidized bed of rising air heated between 180 and 220°F, (c) withdrawing air from above the fluidized bed, (d) returning the fine granules and (e) withdrawing the larger granules.*
115252. Lee-Norse Company. Mining machine. Accepted on 2nd September 1969.
- Comprises a chassis, a plurality of arms coupled to said chassis, cutting elements, hydraulic actuated means and second means.*
115571. Kao Soap Co., Ltd. Process of producing solid soaps. Accepted on 5th September 1969.
- A mixture of carboxylic acid soap comprising alkali metal salt of  $\alpha$ -alkyl saturated fatty acid and alkali metal salts of straight chain saturated fatty acid, the amount of unsaturated fatty acid soap contained in the said mixture as acid being less than 15 p.c. by weight of the total.*
115696. Albiswerk Zurich A-G. Improvements in or relating to waveguide filters. (28th February 1968). Accepted on 30th August 1969.
- Comprises a output slot provided in the wall of wave guide section the out put slot being sealed off by a cover plate, consisting of a synthetic resin.*
115929. Aktiebolaget Kamyr. Continuous cellulose digester with two separate pulp outlets. Accepted on 3rd September 1969.
- Characterised in that the digester is equipped with two separate outlet for digested pulp, one outlet being in communication with the central zone of the digester cross-section whereas the second outlet communicates with a peripheral zone.*
115930. Aktiebolaget Kamyr. Continuous cellulose digester for simultaneous digestion of two different kinds of pulp. Accepted on 3rd September 1969.
- Characterised in that the digester is equipped with two separate systems for supply of fibre material, one system being adapted for delivering a first kind of material within a central zone whereas the other system is adapted for delivering a second kind of fibre material into a peripheral zone of the digester cross section.*
115977. Krishna Chandra Chandra. Automatic beverage, e.g. tea making and dispensing machine. Accepted on 30th August 1969.
- Comprising a mixing chamber, valve, plurality of containers, valve means sequence controller electric circuit, coin slot.*
116157. Farbenfabriken Bayer Aktiengesellschaft. Process for dyeing or printing fibre materials containing nh-groups. Accepted on 4th September 1969.
- Using aminoxides containing at least 8 carbon atoms are used as interface—active compounds in dyeing or printing fibre materials containing NH-groups.*
116247. F. B. Vazquez. Fastening and locking device. Accepted on 30th August 1969.

*Includes a base member, a locking member, an elongated resilient member and means carried by the free terminals of said base and locking members for grippingly holding the object there between.*

116282. Nauchno-Issledovatel'sky Institut Gidrometeorologicheskogo Priborostroeniya. Simulation device for calculation of water discharge and levels in river and canal beds at transient flows. Accepted on 1st September 1969.

*The arithmetic unit has one additional decoupling module of the R-C net work or the capacitor thereof.*

116378. Uniroyal Englebert France. Improvements relating to tyre building equipment. Accepted on 27th August 1969.

*A Tyre building machine having an (1) improved tyre carcass shaping mechanism (2) an improved building drum on which to form breaker tread assemblies and (3) an improved transfer ring for transferring the breaker—tread assemblies from the building drum.*

116491. Tractel Tirfor India Private Limited. Hook or the like with automatic disconnecting device actuated by release of load. Accepted on 29th August 1969.

*Comprising a body frame and a catch plate capable to rotate around a pivot pin wherein the catch plate is spring loaded to open up and release the shackle under no load condition a shear pin arrangement is incorporated to set the device prior to application of load and a support pin.*

116516. Charbonnages De France. An improved installation for simultaneously drying pulverising and grading granular materials. Accepted on 5th September 1969.

*An installation for simultaneously grinding, drying and grading granular materials characterised in that it comprises in combination (1) means of producing constant flow of hot gases (2) a vertical fluidisation chamber (3) a hot gaseous fluid inculation conduit (4) means for feeding materials to be pulverised (5) a pulveriser (6) an evacuation conduit (7) means for maintaining the temperature.*

116582. British Railways Board. A screening circuit for a communication cable and a communication cable in combination, with the same. (5th July 1967). Accepted on 1st September 1969.

*Comprising screening conductor cores of magnetic material, earth connection in combination with communication cable.*

116660. A. Ehrenreich & Cie. Improvements in or relating to ball joints especially for gear connections. Accepted on 28th August 1969.

*A ball joint in the form of an angular joint for gear control mechanisms etc., comprising a joint case providing for a gear connection piece and a ball head being located at a joint pin and universally movable in said joint case.*

116695. Imperial Chemical Industries Limited. New azo dyestuffs. (10th July 1967). Accepted on 30th August 1969.

*Comprises coupling a diazotised amine obtained from the condensation product of cyanuric chloride with sulphonaphenylin or sulphophenylene with a cocyling component obtained from the condensation product of cyanuric chloride with a hydroxynaphthalene.*

116885. British Railways Board. A screening circuit for a communication cable and a communication cable in combination with the same. (13th February 1968). [Addition to No. 116582]. Accepted on 2nd September 1969.

*Comprising cable screening conductor, channel ducting, magnetic core, two separable parts.*

116988. Imperial Chemical Industries Limited. Production of coated thermoplastic polymeric film. (3rd August 1967). [Addition to No. 109589]. Accepted on 27th August 1969.

*Comprises coating on at least one surface with a resin obtained by condensing a monoaldehyde with acylamide or methacrylamide in the presence of an alkanol and subsequently interpolymersing the condensation product with at least another unsaturated monomer followed by over coating with a heat seal coating and heat setting the same.*

117187. Leningradsky dvazhdy ordena Lenina metallichesky zavod imeni XXII siezda KPSS. Portable upright boring mill. Accepted on 28th August 1969.

*A portable upright boring mill for machining holes in the flanges of articles, said mill ensuring a high machining accuracy and requiring but a short time for resetting the machine before boring each new hole.*

117563. Allmänna Svenska Elektriska Aktiebolaget. Hydrostatic extrusion of compound material. Accepted on 2nd September 1969.

*By hydrostatic extrusion of a billet through an outlet opening in a die characterised in that the case and the casing in the billet consists of a core of one or more materials and a casing of another material.*

117871. Verson Allsteel Press Company. Hydraulic press. Accepted on 28th August 1969.

*A novel hydraulic press constructed in such a manner that reaction forces within the press are more uniformly distributed for minimizing any possibility of failure.*

117872. Verson Allsteel Press Company. Hydraulic press. Accepted on 28th August 1969.

*A novel hydraulic press structure constructed for promoting more uniform distribution of reaction forces around the outer cylinder or body means and thereby minimizing any possibility of high stress concentrations and failure.*

118063. Beecham Group Limited. Bottle closures. (11th October 1967). Accepted on 3rd September 1969.

*Comprising a body, a shoulder portion and a neck, the shoulder portion commencing inwards from the top of the body leaving a peripheral edge at the uppermost boundary of the body, the shoulder portion and the upper region of the body adjacent to the shoulder have half-turn symmetry about a vertical axis of the bottle.*

118089. Alcan Aluminiumwerke GMBH. Storage tanks, particularly for the above-ground storage of heating oil. Accepted on 2nd September 1969.

*Consists of at least two parts welded together characterised in that the tank contains at the middle of its height, horizontal, one piece or multi-piece aluminium reinforcing inserts which are welded to the wall of the tank.*

118187. Council of Scientific and Industrial Research. A process for preparation of raisins from pusa seedless variety of grapes. Accepted on 5th September 1969.

*Comprises harvesting the bunches of grapes, washing the bunches with water, dipping in boiling 0.5% aqueous solution of sodium hydroxide for 15 seconds, exposing the berries to the fumes of burning sulphur for 3 hours, drying the berries for 24 hours at 70°C under a current of air in an oven.*

118593. Hindustan Lever Limited. Process for the preparation of a soap. Accepted on 5th September 1969.

Soap containing water not more than 25% prepared by the reaction of a fatty-acid having 5—25 carbon atomic with aqueous solution at 120—180°C and 2 to 10 atm. pressure and wherein the water content of the reactants is controlled to achieve the desired water content in the soap.

118799. Vereinigte Österreichische Eisen-Und Stahlwerke Aktiengesellschaft. A method of treating cast bars in continuous casting plants outside of the mould. Accepted on 2nd September 1969.

Comprising cooling the bar in a cooling zone by means of a cooling medium to effect extraction of such an amount of heat from the bar that the surface temperature remains substantially equal, the maximum permissible decrease being about 200°C.

118806. Alcan Research and Development Limited. Solution heat treatment of wrought aluminium alloy articles. Accepted on 3rd September 1969.

Comprising the steps of (a) advancing the article continuously through and beyond the heating region of a heating furnace so that any point on the article has a dwell time in the heating region, exposing the article to a heated fluid, (b) quenching the article by exposing it to a cooling medium as soon as it leaves the heating region.

118819. Imperial Chemical Industries Limited. Improvements in and relating to chemical reactors. (8th December 1967). Accepted on 30th August 1969.

Comprises a gas port at the top, catalyst discharge means at the bottom and a series of gas ports situated around the circumference of the convergent lower part and above the catalyst discharge means.

119013. N. C. Gupta. Sprayer. Accepted on 30th August 1969.

Comprises of a container open at both ends, a partition wall having a hole therein between two ends, means for absorbing the volatile liquid placed upon the partition wall, covering means placed over the absorbing means, a pin hole provided in the wall of the container within the space occupied by absorbing means, a piston rod through the hole of partition wall a knob having projection around its bottom and snugly and sealing fitted to the end of container, a resilient means provided between the covering means and knob connected to the top end of piston.

119209. Shawinigan Chemicals Limited. Continuous vinyl polymerization process. Accepted on 4th September 1969.

The liquid monomer and the other raw material ingredients of the charge including the ingredients of the initiator system are fed to the rapidly circulating charge.

119298. Buckman Laboratories, Inc. Novel organic thiocyanates and pesticidal compositions containing the same. Accepted on 5th September 1969.

Process for preparing organic thiocyanates which comprises reacting a halomethyl sulphide with a thiocyanate salt to produce a thiocyanomethyl sulphide and oxidising the latter compound by means of peracetic acid, hydrogen peroxide or conventional oxidising agent.

119713. Albright & Wilson Limited. Phosphoric acid production. (12th February 1968). Accepted on 2nd September 1969.

Comprises treating phosphate rock with sulphuric acid and an alkali metal or ammonium compound wherein the stability of the reaction system is enhanced by the addition of reactive silica to the system and/or by maintaining the  $P_2O_5$  content of the liquid phase below 30% by weight.

119732. B. Hooper. Improvements in or relating to step-piston two-stroke engines. Accepted on 28th August 1969.

Two stroke internal combustion engine having one or more cylinders each containing a stepped piston, each cylinder and piston having a pumping part of larger diameter and a working part of a smaller diameter.

121379. Arthur G. Mc Kee & Company. Supporting structure for supporting upright vessels. [Divisional date 22nd December 1967]. Accepted on 2nd September 1969.

Having outwardly inclined legs supporting the supporting means, the legs being pre-stressed prior to loading the supporting means with the vessel having the lower end of each of the legs positioned so that it is displaced outwardly from its initial unstressed position.

122868. John Heathcoat and Company Limited. Method of crimping yarn. [Divisional date 28th November 1967]. Accepted on 27th August 1969.

Comprises heating the yarn to a temperature above the glass point and passing the yarn through a crimping mechanism which is cooler than the yarn.

### Opposition Proceedings

(1)

An opposition has been entered by The Ahmedabad Manufacturing and Calico Printing Co. Ltd. to the grant of a patent on application No. 106541, made by The New Shorrock Spinning and Manufacturing Co. Ltd.

(2)

An opposition has been entered by The Ahmedabad New Cotton Mills Co. Ltd. to the grant of a patent on application No. 106541, made by The New Shorrock Spinning and Manufacturing Co. Ltd.

(3)

An opposition has been entered by The Sarangpur Cotton Mfg. Co. Ltd. to the grant of a patent on application No. 106541, made by The New Shorrock Spinning and Manufacturing Co. Ltd.

### Appeal Proceedings

#### SECTION 5

(1)

The Central Government has been pleased to allow the appeal made by Massey-Ferguson Inc. of U.S.A. under Section 5 of the Indian Patents and Designs Act, 1911 in respect of application for Patent No. 94618 which was notified in the Gazette of India, Part III, Section 2, dated the 12th January, 1969 and to remand the application to the Controller.

(2)

The appeal filed by Messrs. Western Engineering Company, Delhi under Section-5 of the Indian Patents and Designs Act, 1911 in respect of application for Patent No. 98994 and notified in the Gazette of India, Part-III, Section-2, dated the 11th January, 1969 has been rejected by the Central Government.

(3)

The appeal filed by Messrs N. V. Philips Gloeilampenfabriken, Holland under Section-5 of the Indian Patents and Designs Act, 1911 in respect of application for Patent numbered 100585 has been rejected by Central Government.

(4)

An appeal to the Central Government has been filed by Monsanto Company under Section 5 of the Indian Patents and Designs Act, 1911 in respect of application for Patent No. 112176.

### Patents Sealed

97763. 100598. 101884. 102681. 104242. 106074. 108868. 108949. 109453. 109471. 109472. 109563. 109666. 109740. 109745. 109760. 109944. 110052. 110053. 110463. 110671.

110709, 110779, 110834, 110882, 110883, 110906, 110951,  
110989, 111011, 111059, 111130, 111239, 111350, 111428,  
111442, 111489, 111523, 111585, 111680, 111690, 111824,  
111889, 111938, 111991, 111999, 112052, 112142, 112283,  
112291, 112396, 112508, 112551, 112671, 112827, 112951,  
112966, 113072, 113140, 113204, 113234, 113240, 113247,  
113251, 113272, 113307, 113318, 113333, 113387, 113467,  
113526, 113534, 113847, 113899, 113901, 113916, 113959,  
113961, 114022, 114024, 114039, 114291, 114357, 114521,  
114650, 115004, 115073, 115078, 115873, 116109, 116809.

#### Amendment Proceedings

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911 that Stamicarbon N. V., a Netherlands company, of van der Maesenstraat 2, Heerlen, The Netherlands, Development Engineers, seek leave to amend the description in the specification of patent application No. 115164. Any person desirous of opposing the application for amendments should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

#### Renewal Fees Paid

52718, 52784, 53067, 55356, 55379, 55479, 55714, 58313,  
58314, 58315, 58316, 58317, 58318, 58385, 58433, 58565,  
58630, 58753, 58767, 60142, 60996, 61448, 61664, 61685,  
61810, 61922, 61923, 62364, 62421, 62436, 64995, 65110,  
65138, 65210, 65227, 65230, 65231, 65239, 65282, 65284,  
65401, 65431, 65807, 65820, 65829, 68995, 69116, 69230,  
69333, 69605, 69744, 69745, 70185, 70186, 70190, 70618,  
73226, 73249, 73359, 73378, 73379, 73474, 73483, 73491,  
73528, 73568, 73569, 73589, 73596, 73641, 73726, 73751,  
73763, 73820, 73860, 74106, 74120, 77977, 78511, 78512,  
78645, 78659, 78692, 78728, 78820, 78910, 78933, 78996,  
78234, 78427, 79803, 79804, 80184, 80351, 80682, 81238,  
82220, 82767, 83374, 84010, 84016, 84055, 84121, 84146,  
84156, 84173, 84197, 84222, 84283, 84285, 84344, 84440,  
84480, 84498, 84520, 84521, 84522, 84550, 84572, 84612,  
84778, 84834, 84835, 84869, 84871, 84895, 84954, 84996,  
85018, 85161, 85173, 85312, 85313, 85389, 85543, 85806,  
86036, 86573, 87791, 89668, 89669, 89744, 89809, 89824,  
89837, 89908, 89950, 89982, 90141, 90196, 90203, 90207,  
90225, 90284, 90285, 90286, 90302, 90314, 90346, 90408,  
90418, 90463, 90470, 90619, 90695, 90736, 90737, 90776,  
90811, 90990, 91004, 91009, 91010, 91134, 91139, 91222,  
92698, 93011, 95099, 95329, 95358, 95408, 95449, 95461,  
95488, 95499, 95547, 95590, 95659, 93711, 95712, 95772,  
95823, 95839, 95859, 95860, 95914, 95919, 95933, 95949,  
95984, 95991, 96056, 96064, 96156, 96157, 96198, 96264,  
96272, 96284, 96446, 96534, 96590, 96854, 97068, 97175,  
99257, 99600, 99722, 100650, 101318, 101384, 101385,  
101391, 101428, 101584, 101626, 101628, 101630, 101646,  
101680, 101683, 101712, 101714, 101724, 101737, 101784,  
101917, 101918, 102056, 102144, 102152, 102171, 102187,  
102190, 102197, 102232, 102237, 102306, 102323, 102324,  
102407, 102416, 102497, 102587, 102601, 102612, 102614,  
102639, 102656, 102672, 102752, 102852, 102872, 103243,  
105013, 105014, 106334, 106405, 106796, 106871, 107302,  
107351, 107483, 107565, 107566, 107567, 107568, 107684,  
108394.

#### Cessation of Patents

57099, 57104, 57113, 60330, 60332, 60342, 60343, 60355,  
60356, 60357, 60364, 60365, 60366, 60367, 60368, 60369,  
78316, 78318, 78320, 78321, 78326, 78330.

#### Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 78316—Rudolf Nowak and others.

The patent ceased on 1st September 1966, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 20th September, 1969. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 1st November, 1969.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 88775—Shri Ram Institute For Industrial Research.

The patent ceased on 5th July 1968, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 14th June, 1969. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 1st November, 1969.

(3)

An order has been on the 4th July, 1969, restoring the patent No. 81431, dated as of the 27th March, 1962, granted to Srinivasa Ramanujam and Ram Vasaya Saluja for "improvement in or relating to primers based on red mud".

(4)

An order has been made on the 25th August, 1969, restoring the patent No. 82117, dated as of the 7th May, 1962, granted to Enkay Rubber Mills and Narpal Rai Khariti Lal Jain for "improvements relating to football bladders and like inflatable balls".

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. Nos. 135529 to 135534. Shriram Refrigeration Industries Limited, 1-Jhandewalan Estate, New Delhi-55, (Indian Company), "A water cooler", March 21, 1969.

Class 1. No. 135779. Haryana Handicrafts Industries, 951, Kayasthware Street, Rewari (Haryana State), Indian Partnership concern, "Pitcher", May 8, 1969.

Class 1. No. 135905. Modern Watch House, Chandni Chowk, Delhi-6, (India) Proprietary Concern (Indian), "Auto Back-View Mirror", June 9, 1969.

Class 3. No. 135559. Star Industrial Corporation (an Indian Partnership firm), 95-97, Bhandari Street, Chakla, Bombay-3 (Maharashtra), "Bottle", April 2, 1969.

Class 3. No. 135851. Jilebi Maker (India), Poona-13, Maharashtra, Indian Partnership firm, "Jilebi maker", May 26, 1969.

Class 3. No. 136062. Bata Shoe Company Private Limited, a private limited company incorporated under the Indian companies Act, 30, Shakespeare Sarani in the town of Calcutta, West Bengal, "A sole for footwear", June 26, 1969.

Class 9. No. 136299. Hindustan Embroidery Mills Private Limited, Chheharta (Amritsar), Punjab, India. Nationality Indian firm (a private limited company incorporated under the Indian companies Act.), "Lace". August 7, 1969.

Class 13. Nos. 136328 and 136329. The Khatau Makanji Spg. & Wvg. Company Limited, Laxmi Building, 6, Ballard Road, Bombay-1, Indian Company, "Textile piecegoods", August 20, 1969.

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96783, 96785, 99358 and 99359—Class 3.

APPEAL PROCEEDINGS SECTION 43

The appeal preferred under Section 43 of the Indian Patents and Designs Act, 1911 by Bharat Swiss Footwear Co. Private Ltd., in respect of application for registration of Design No. 131731 and notified in the Gazette of India Part III. Section 2, dated the 5th October, 1968, has been rejected by the Central Government.

S. VEDARAMAN

*Controller General of Patents, Designs, and Trade Marks*